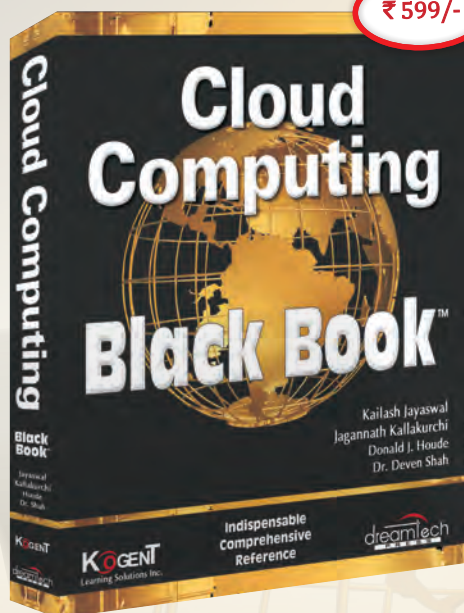# Cloud Computing Black Book™

₹ 599/-

Bookstores offer numerous choices of books on Cloud Computing; however, most of these books are intricate and complex to grasp. So, what are your chances of picking up the right one? If this question has been troubling you, rest assured now! This book, Cloud Computing Black Book, is a one-time reference book that covers all aspects of cloud computing in an easy-to-understand approach. It covers a variety of topics, such as cloud computing and its comparison with peer-to-peer, client-server, and grid computing; virtualization and its levels; cloud computing services, such as IaaS, PaaS, SaaS, and DBaaS; cloud computing and its business values; myths and truths about cloud computing; cloud types and models, such as private, community, hybrid, and public; open-source eucalyptus and OpenStack cloud application architecture; cloud deployment techniques; recent trends in cloud computing and standards; host security in cloud for SaaS, PaaS, and IaaS; data security in cloud; application architecture for cloud; cloud programming support for Google App engine and Amazon EC2; adoption and use of cloud by small and medium businesses as well as enterprises; migrating applications to the cloud; IT service management for cloud computing; SLAs with cloud service providers; risks, consequences, and costs of cloud computing; AAA administration for clouds; regulatory and compliance requirements for clouds; Security as a service; cloud certifications and audits; application development for cloud; application security in a cloud; future of cloud computing; mobile cloud computing and much more.

ISBN: 9789351194187 | Price: 599/- | Pages: 484 | Authors: Jayaswal, Kallakurchi, Houde, Shah, KLSI

This Book Will Help You To:

- Understand the concept of cloud computing and compare it with peer-to-peer, client-server, and grid computing
- Understand virtualization and its levels
- Explore cloud computing services such as IaaS, PaaS, DBaaS, and SaaS
- Get in-depth knowledge about types of scalability, cloud computing and outsourcing, key drivers of cloud computing, and levels of business value from cloud computing
- Explore myths and truths related to cloud computing
- Get familiar with types of clouds such as private, public, community, and hybrid
- Explore open-source Eucalyptus and OpenStack cloud architectures
- Identify potential network problems and their mitigation, cloud network topologies, automation for cloud deployments, self-service feature in a cloud deployment, federated cloud deployments, cloud performance, monitoring, and tuning
- Get familiar with the recent trends of cloud
- Explore host security in a cloud for SaaS, PaaS, and IaaS
- Explore data security for cloud by understanding the challenges associated with cloud data
- Compare traditional and cloud application architecture
- Understand the programming support for Google Apps Engine and Amazon Ec2
- Explore the adoption of public clouds by small and medium businesses
- Answer questions that enterprises often ask from cloud vendors
- Migrate to cloud applications
- Explore IT service management for cloud computing
- Explore Service Level Agreements (SLAs) for cloud computing
- Identify risks associated with cloud computing
- Explore regulatory and compliance requirements for clouds
- Explore security as a service, its benefits, and concerns
- Get familiar with cloud certifications and audits, cloud audit framework, and cloud auditing requirements

What is in this book for you:

- Era of Cloud Computing
- Introducing Virtualization
- Cloud Computing Services
- Cloud Computing and Business Value
- Myths and Facts about Cloud Computing
- Cloud Types and Models
- Open Source Cloud Implementation and Administration
- Cloud Deployment Techniques
- Recent Trends in Cloud Computing and Standards
- Host Security in the Cloud
- Data Security in the Cloud
- Application Architecture for Cloud
- Cloud Programming
- Adoption and Use of Cloud by Small and Medium Businesses as well as Enterprises
- Migrating Applications to the Cloud
- IT Service Management for Cloud Computing
- SLA with Cloud Service Providers
- Risks, Consequences, and Costs for Cloud Computing
- AAA Administration for Clouds
- Regulatory and Compliance Requirements for Clouds
- Security as a Service
- Cloud Certifications and Audits
- Application Development for Cloud
- Application Security in the Cloud
- Cloud Computing: the Road Ahead
- Mobile Cloud Computing

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